



## Indiana Third Party EVV Addendum v2.3

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# Addendum to Third Party Alternate EVV System Specification v5.8

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## 1 Overview

The Third Party AltEVV interface is intended for Third Party EVV Vendors to provide program visit data to the Sandata Aggregator. This includes clients, employees, visits, and their associated calls as well as the ability to send data related to visit modifications. Visits are considered to be completed when all required information has been supplied for the visit and all visit exceptions have been remediated. Sandata will verify that visits received pass all Indiana edit rules on receipt. Note that the expectation is that all visit changes will be supplied along with the final completed visit.

### 1.1 Intended Audience

The intended audience of this document is:

- Project Management and Technical teams at Sandata.
- Project Management and Technical teams who will be implementing this interface.

### 1.2 AltEVV Interface Transmission Guidelines

- File Format: JSON
- Headers: Required using the “Column Name” below
- File Delivery: via RESTful API

### 1.3 Program Specific Assumptions & Business Policies

- Scope of Data: All visit changes as they occur, sent DAILY
- Please note: all data being sent is related to a VISIT (incomplete or complete). All data elements should be provided only in that context. It is not necessary to provide all database data.

### 1.4 Transmission Frequency

For optimal system performance, it is recommended that visits should be sent in near real time. It is expected that information is sent as it is added/changed/deleted in the Alternate EVV Data Collection System. Note that rejection responses will be delivered on a separate API call that is initiated by the third party—in near real time.

## 1.5 Transmission Limits

A single transaction may contain from 1 to 5,000 records. A single record set would include all associated elements. If the group size exceeds the maximum limit for the group, the complete group will be rejected. During peak loads, records received may be queued and processed as resources permit. Other transactions received for the Provider ID will be queued behind these until they are processed since they must be processed in the proper order.

## 1.6 Document Conventions

**DateTime format:** Throughout this document DateTime represents a specific instant of time. The value space of DateTime is the space of combinations of date and time of day values as defined in ISO 8601. For example, to indicate 5:20 pm on January 15th, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-01-15T22:20:00Z.

**Naming convention:** Payer/State \_EVV\_AltEVV\_SEGMENT\_mmddyy\_HH\_mm\_ss.json.

## 1.7 Rejected Record Process

When records are received, Sandata will return against each group a transaction ID and an ACK (acknowledgment of receipt). This transaction ID can be queried by the caller for status of the records in the transaction. This process will allow the provider/vendor to get status on any of the records that may have been rejected.

## 1.8 New Record and Updates

New records and updates for previously sent data should be provided via the three previously-mentioned interfaces ('data packages'). If a set of records is sent (client, employee, visit), all associated applicable elements should be sent. Partial updates will be rejected. An update that deletes a record will not actually remove information since Sandata will not physically delete information. The deleted record/s will no longer be visible on the application. However, the record history will maintain the original data received.

## 1.9 Transmission Method

Sandata supports an SOA architecture. Sandata will provide an API for 3<sup>rd</sup> party vendors or agency's internal IT organizations to utilize. Sandata will provide sample JSON or XML format information (Java equivalent to XML), as well as the WADL (JSON equivalent of the WSDL) to those parties developing the interface. This specification will include the rest endpoints needed to request status on record acceptance /rejection.

### 1.10 Format

The user will send information in **JSON or XML** format. JSON orXML, allows multiple "child" entities for a parent.

The format of the information sent must match exactly the format defined below and must be sent via web service using JSON or XML. Ultimately, we support only three data types during transmission: string, number and boolean. The specification uses more additional data types to ensure that data is received in the expected formats and appropriate record level editing can be incorporated. Except where numeric, the assumed JSON and XML format should be string. The data type provided in the specification is based on the following field definitions.

Data Type	Detail	Description	Format/ Example
DATE/TIME	Alpha-numeric	The date and time together in a data string.  All times will be provided and expected in UTC. If time is not material, it will be provided as is expected.	Format: YYYY-MM-DDTHH:MM:SSZ  Example: 2016-12-20T16:10:28Z
DATE	Alpha-numeric	If the value is only date, it will be provided with: YYYY-MM- DD (10 characters)  ONLY date is significant. Date only will be sent in UTC format.	Format: YYYY-MM-DD  Example: 2016-12-20

Data Type	Detail	Description	Format/ Example
TIMEZONE	Alpha-numeric	<p>For Payer/State ALL time for tracking visits will be in UTC format.</p> <p>(All time zone values will be derived from the Internet Assigned Numbers Authority (IANA) Time Zone Database, which contains data that represents the history of local time for locations around the globe. It is updated periodically to reflect changes made by political bodies to time zone boundaries, UTC offsets, and daylight-saving rules.)</p> <p>The Timezone name expected in each transaction is the actual Timezone where the event took place. i.e.</p> <p>US/Eastern.</p>	US / Eastern
STRING	Alpha-numeric (Unless otherwise specified)	A string is a row of zero or more characters that can include letters, numbers, or other types of characters as a unit, not an array of single characters. (e.g. plain text).	Example: string (55644555)
INTEGER	Numeric	An integer is a numeric value without a decimal. Integers are whole numbers and can be positive or negative.	Example: (positive number): 999999 (negative number): - 999999
DECIMAL	Numeric	A number with a decimal is referred to as a decimal.	Example: 9999.9999 Example:



Data Type	Detail	Description	Format/ Example
			(positive number): 999.999 (negative number): - 999.999
BOOLEAN	Logical	Two values allowed: true or false	Example: True   False

Note that the format is case sensitive. All field names must be provided in EXACTLY the casing used in the definitions below. Sandata can handle RESTful and SOAP but it is highly recommended using RESTful services with JSON formatting.

## 1.11 Rules

The following rules apply to information received through this interface. For all rules that result in a rejection, it is expected that the issue will be resolved in the Alternate Data Collection System and the information subsequently retransmitted.

There is one set of Interfaces per Sandata Provider Agency ID.

There will be 3 independent types of data provided through the Alternate EVV interface:

- Clients;
- Employees (Field Staff); and
- Visit Information.

Each will be sent individually but can be delivered through the same single connection (or “pipe”).

THE ALTERNATE DATA COLLECTION SYSTEM WILL BE RESPONSIBLE FOR:

- Visit transmittals. Visits should be transmitted near real time. Actual payer frequency requirements may vary. Note that rejection responses will be delivered as separate API calls initiated by the third party. Information should be sent for only those records that are added, changed, or deleted. This is considered to be an incremental interface. Records which have not changed should not be resent.
- Complete transmissions.
  - When sending a client, all applicable elements and sub elements must be sent during each transmission.
  - When sending an employee, all applicable elements and sub elements must be sent during each transmission.
  - When sending a visit, all applicable elements and sub elements must be sent during each transmission.
- Call matching. Calls received--regardless of the collection method used by the Alternate Data Collection System--are received together into a complete visit by the Aggregator, per the specification. Sandata will not attempt to match or rematch the visits received.
- Data quality. all data will be accepted from third party data "as is," including any calculated fields.
- Latitude and Longitude. Alternate EVV Data Collection Systems are responsible for providing latitude and longitude on all client addresses provided. Latitude and longitude are recommended to be provided for both the visit start and visit end time, assuming it is collected via a GPS-enabled device.
- Assigning sequence numbers. For each of the 3 types of records (client, employee, visit), the Alternate Data Collection System will be responsible for assigning sequence numbers for each interface to ensure that updates are applied in the appropriate sequence. If a record is rejected, an incremented sequence is expected on the next transmission of that record set. Sequence numbers are per unique

record (client, employee, visit) and record set (modifications to the same client, employee, visit). For example, the first time a particular client is sent, the sequence would be set to 1. The second time that same client is sent, the sequence would be set to 2, etc.

- Having the ability to correct defined exceptions. Exceptions must be corrected using the standard set of reason codes provided by Payer/State. Some of the defined reason codes require additional text to provide additional information; this information must also be sent as part of this interface.
- Change log transmission. Changes made to all visit information must be fully logged, and the log information must be transmitted as part of the visit record, as applicable.
- Using standard date/time format. All dates and times provided must be sent in UTC (Coordinated Universal Time) format in GMT.

#### GENERAL PROCESSING RULES:

- If a record is received and any required data is missing, malformed, or incomplete as defined in the specification, the record will be rejected or set to default values in accordance with the detailed specifications.
- If an optional field is provided with an invalid value (one not listed in this specification), the field will be set to null and/or rejected, unless otherwise specified in this specification.
- If text (string) field length is longer (>/greater than) than the maximum allowed for that field value, unless otherwise noted, the field will be truncated to the maximum length specified for that field.

- Any record without a sequence number will be rejected. Sequence numbers are per unique record (client, employee, visit). For example, the first time a particular client is sent, the sequence would be set to 1. The second time the same client is sent, the sequence would be set to 2, etc.
- Records will be processed in the order received using the assigned sequence number.
- If a record that has been received has a sequential number that is less than the one already processed, it WILL BE PROCESSED, but will be logged as “received” and inserted into history. It will not be considered to be the current record.
- Header information as detailed in this document must be included in each transmission for each record (client, employee, visit), otherwise the entire collection of records will be rejected.

#### CLIENT RULES:

The following represents a subset of the requirements for client information. Please see the Field Information section of this document for all applicable rules.

- If the client does not include the defined unique identifier, the client will be rejected.
- If the client does not include a Client Other ID (external ID) and Sequence ID, the client will be rejected.
- If the client does not include first name, last name and time zone, the client will be rejected.

#### EMPLOYEE RULES:

The following represents a subset of the requirements for employee information. Please see the Field Information section of this document for all applicable rules.

- If the employee social security number field is not filled out, the employee will be rejected.
- If employee first name and last name are not provided, the employee will be rejected.

#### VISIT RULES

- No Client Provided - To allow the Aggregator to determine if the visit is for a Payer/State client, the visit must include a client. If a visit does not include a client, the complete visit will be rejected.
- Invalid/Unknown Client Provided - To allow the Aggregator to determine if the visit is for a Payer/State Client, the visit must include a valid client. If a visit includes a client that is unknown to Sandata (has not been received and accepted), the complete visit record will be rejected.
- No Employee Provided / Invalid or Unknown Employee Provided - If a visit does not include an employee (visit record send without an employee associated), the visit will be accepted and the 'Unknown
- Employee' exception will be calculated and applied. This record is accepted but raises an exception.
- The Alternate EVV system is expected to be able to handle a visit that crosses calendar days.
- A visit can only be cancelled if it does not have any calls associated with it or any adjusted times. If a
- visit has these elements, the "Bill Visit" indicator should be set to False to indicate that the visit does not
- require any further processing. The visit status will be set to Omit by the Aggregator.

The following rules apply to the dates and times provided for the visit:

Date and Time Exists for the Following:				
Call In	Call Out	Adjusted In	Adjusted Out	Rule
x	x			Call Out must be > Call In  Otherwise record rejected.
Superseded by Adj. In	Superseded by Adj. Out	X	x	Adj. Out must be > Adj. In  Otherwise record rejected.
x	Superseded by Adj. Out		x	Adj. Out must be > Call In  Otherwise record rejected.
Superseded by Adj. In	x	X		Call Out must be > Adj. In  Otherwise record rejected.

- Upon receipt, Sandata will calculate all configured exceptions and apply those exceptions as applicable. For those exceptions that may be recalculated over the life of the visit, these exceptions will be calculated as appropriate.
- It is assumed that there are some exceptions cannot be “fixed” in the Alternate Data Collection System by their nature. They are configured for the State program as requiring acknowledgement by the system user. One of the included visit elements provides the ability for the user to send their acknowledgement. These exceptions require attestation that the exception has been

reviewed/acknowledge in the system along with the appropriate reason code and attestation that appropriate documentation exists.

- Upon receipt, Sandata will calculate and apply visit status as defined for this Program.
- The Alternate Data Collection System will be expected to send a reason code and attestation that proper documentation exists for any manual entry or edit with each change sent. Based on the definitions of the reason codes, some reason codes require additional information explaining the change. If additional
- information is required, the alternate data collection system must collect the information and include it when transmitting the visit to Sandata. (Note: Sandata uses a resolution code to collect an attestation that appropriate documentation supporting a manual entry or edit exists.)

## 1.12 Sequencing

The SequenceID on all three types of records (clients, employees, visits) should be independent per record and should be incremented each time any record is sent. The Sequence ID will be used to ensure that a record is processed only once and that the most current information is used for reporting and claims processing. In the event a visit update is not accepted (rejected), the SequenceID on that transmission should not be reused. The next update should increment to the next number in the sequence. Failure to do so will cause the new record to be rejected as a duplicate.

### Sequence Rules:

- If the latest SequenceID is greater than the highest value previously received, the record set will not be rejected. i.e. latest SequenceID = 5, previous SequenceID = 4 → Record accepted and latest record is displayed.

- If the latest SequenceID is less than the value previously received, and the record has not yet been processed, it will be accepted and recorded as historical information. i.e. latest SequenceID = 8, previous SequenceID = 10 → Record accepted and latest record is still SequenceID = 10.
- If the Sequence ID is equal to a value previously received, it will be rejected. i.e. latest SequenceID = 15, previous SequenceID = 15 → Record rejected.
- Gaps in sequence will be allowed.

**Please Note:**

*For those agencies that wish to use the Alternate EVV interface, and would prefer to use timestamps as the sequence number in their deliveries, the Sandata system can accept the timestamp value as the sequence number, under two conditions:*

- 1. The timestamp value provided must contain only numbers, and no other symbols (i.e. “/”, “-”, and “:” characters removed)*
- 2. The timestamp value provided must be formatted as YYYYMMDDHHMMSS. For example:*

Timestamp Value	Formatted as Sequence Number (YYYY+MM+DD+HH+MI+SS)
April 6, 2017 3:23:15pm	20170406152315
	<div> <div>Year</div> <div>Month</div> <div>Day</div> <div>Hour (24)</div> <div>Minute</div> <div>Second</div> </div>



## 2 Data File Layout

The following tables reflect all required fields in the Third Party Alternative EVV System Specification. This document may be distributed to all providers and used as a guide in order to ensure data consistency across the network. This will also allow Sandata to properly read all incoming files and process the data accordingly.

Note that this element will be required as part of the header information provided for all three types of transmissions. This information will be compared to the connection being used within the interface to ensure that the transmission is appropriate. If this match cannot be validated, the transmission will be rejected. As part of the implementation process, required fields may be adjusted and the available fields may be reduced based on the program specifics.

### Required Segment definitions:

- Data segments may be required or optional. When sending data included in a particular segment, all required fields must be provided.
- If a data segment is optional and will not be sent, you may disregard all data fields including those that are required. The concept of required fields only applies when any given data segment is being sent to Sandata.

### Required Field definitions:

- Required – data element *must* be provided on import file, otherwise, the record will be rejected
- Optional – vendor may choose to send data element or not. Record will not be rejected if this field is null.
- Conditional – specific scenarios exist where this field is required, other scenarios where this field may not apply and should not be sent. Conditional rules (or scenarios) will be detailed in the field description.

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
Provider Identification: This is a REQUIRED segment.						
1	ProviderQualifier	Type of identifier being sent for the agency.	20	String	Yes	"MedicaidID"
2	ProviderID	Unique identifier for the agency.	64	String	Yes	10 char based on state identifier with 9 digits + 1 alpha char

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
Client General Information: This is a REQUIRED segment.						
1	ClientFirstName	Client's First Name.	30	String	Yes	LIVE DATA
2	ClientMiddleInitial	Client's Middle Initial	1	String	Optional	LIVE DATA
3	ClientLastName	Client's Last Name.	30	String	Yes	LIVE DATA
4	ClientQualifier	Identifier field to be used to uniquely identify the client.	20	String	Yes	"ClientOtherID"
5	ClientMedicaidID	Unique ID provided by the State Medicaid program to the client.	64	String	Yes	12 DIGIT Client Medicaid ID
6	ClientIdentifier	Payer assigned client identifier	64	String	Yes	12 DIGIT Client Medicaid ID
7	MissingMedicaidID	Indicator that a patient is a newborn. If this value is provided, ClientMedicaidID will be ignored and will be valid as null.	5	String	Optional	True   False
8	SequenceID	The Third Party EVV visit sequence ID assigned to this record.	16	Integer	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
9	ClientCustomID	Additional client user-defined ID. May be equal to another ID provided.	24	String	Optional	12 DIGIT Client Medicaid ID
10	ClientOtherID	Additional client user-defined ID. May be equal to another ID provided.	24	String	Required	12 DIGIT Client Medicaid ID
11	ClientTimeZone	Client's primary time zone.	64	String	Yes	See Appendix 2
Client Payer Information: This is a REQUIRED segment.						
1	PayerID	Sandata EVV assigned ID for the payer.	64	String	Yes	"INFSSA "
2	PayerProgram	The program associated with the visit.	9	String	Yes	"Indiana"
3	ProcedureCode	This is the billable procedure code which is mapped to the associated service.	5	String	Yes	See Appendix 1 HCPCS column
4	ClientPayerID	Unique identifier use by the vendor. This may be the same as identifiers used in the Client General segment.	20	String	Optional	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
5	ClientEligibilityDateBegin	Client eligibility begin date. This field is not required if ClientStatus is sent.	10	Date	Conditional	FORMAT: YYYY-MM-DD
6	ClientEligibilityDateEnd	Client eligibility end date. This field is not required if ClientStatus is sent.	10	Date	Conditional	FORMAT: YYYY-MM-DD
7	ClientStatus	The client's current status. Provide the 2 digit code including the 0. Available values: 02 = Active 04 = Inactive This field is not required if ClientEligibilityDateBegin or ClientEligibilityDateEnd is sent.	2	String	Conditional	02   04 NOTE: 01 AND 03 ARE NO LONGER AVAILABLE; If sent, 01 and 03 will be treated as 04 (INACTIVE)
Client Address: At least one record for each client is required for the program. This is a REQUIRED segment.						
1	ClientAddressType	Values: Home, Business, Other. Note that multiple of the same type can be provided.	12	String	Yes	Home   Business   Other
2	ClientAddressIsPrimary	One address must be designated as primary using the "True" value. Values: true/false	5	String	Yes	True   False
3	ClientAddressLine1	Street Address Line 1 associated with this address.	30	String	Yes	LIVE DATA
4	ClientAddressLine2	Street address line 2 associated with this address.	30	String	Optional	LIVE DATA
5	ClientCounty	County associated with this address	25	String	Optional	LIVE DATA
6	ClientCity	City associated with this address.	30	String	Yes	LIVE DATA
7	ClientState	State associated with this address.	2	String	Yes	Format: 2 char standard state abbreviation
8	ClientZip	Zip Code associated with this address.	9	String	Yes	Format: ##### Rules: This is the full nine digits of the zip code for a business mailing zip code. If the +4 cannot be provided, please send '0000'.
9	ClientAddressLongitude	Longitude for the street address.	20	Decimal	Optional	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
10	ClientAddressLatitude	Latitude for the street address.	19	Decimal	Optional	LIVE DATA
Client Phone: This is an OPTIONAL segment.						
1	ClientPhoneType	Values: Home, Mobile, Business and Other. Note that multiple of the same type can be provided.	12	String	Optional	Home   Mobile   Business   Other
2	ClientPhone	Client phone number.	10	String	Optional	FORMAT: #####
Employee General Information: This is a REQUIRED segment.						
1	EmployeeQualifier	Value being sent to unique identify the employee.	20	String	Yes	"EmployeeCustomID"
2	EmployeeIdentifier	Unique identifier for the employee.	9	String	Yes	FORMAT: 9 CHAR STRING  A custom unique number can be used, if a unique number cannot be determined. It is recommended to use the employee SSN to meet this requirement.
3	SequenceID	The Third Party EVV visit sequence ID assigned to this record.	16	Integer	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
4	EmployeeSSN	Employee Social Security Number.	9	String	Required	Masked SSN information is required and is considered sensitive. This should be four zeros and the last 5 of the SSN. A custom number set aside from the employee SSN cannot be used.  FORMAT: 0000####
5	EmployeeLastName	Employee's Last Name	30	String	Yes	LIVE DATA
6	EmployeeFirstName	Employee's First Name	30	String	Yes	LIVE DATA
7	EmployeeEmail	Employee's Email Address	64	String	Required	Format: <a href="#">xxx@xxx.xxx</a> Validation Rules: @ and extension (.xxx) are required to validate an

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
						address. This must be a unique email address for the employee. It does not have to be corporate established email. It can be a Gmail or Yahoo address (etc.) as long as the email address is valid.
Visit General Information: This is a REQUIRED segment.						
1	VisitOtherID	Visit identifier in the external system	50	String	Yes	LIVE DATA
2	SequenceID	The Third Party EVV visit sequence ID assigned to this record.	16	Integer	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
3	EmployeeQualifier	Value type being sent to uniquely identify the employee in the EmployeeIdentifier field.	20	String	Yes	"EmployeeCustomID"
4	EmployeeOtherID	Additional unique employee identifier in the external system, if any.	64	String	Optional	LIVE DATA
5	EmployeeIdentifier	Unique employee identifier in the 3 <sup>rd</sup> party source system.	9	String	Yes	FORMAT: 9 CHAR STRING  A custom unique number can be used, if a unique number cannot be determined. It is recommended to use the employee SSN to meet this requirement.
6	GroupCode	This visit was part of a group visit. Group Code is used to reassemble all members of the group.	6	String	Optional	LIVE DATA
7	ClientIDQualifier	Identifier field to be used to uniquely identify the client.	20	String	Yes	"ClientOtherID"
8	ClientID	Identifier used in the client element.	64	Strng	Yes	12 DIGIT Client Medicaid ID

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
9	ClientOtherID	Additional client user-defined ID. May be equal to another ID provided.	24	String	Optional	12 DIGIT Client Medicaid ID
10	VisitCancelledIndicator	This value allows a visit to be cancelled / deleted. This would be used when the visit needs to show as “deleted” from the vendor system. This can occur when visit data is captured for training purposes, a visit was collected and never billed, or there was an issue with a record and the data was being captured in a second record. Sandata systems do not delete data; therefore, we need a method for marking records as deleted.	5	String	Yes	True   False
11	PayerID	Sandata EVV assigned ID for the payer.	64	String	Yes	“INFSSA”
12	PayerProgram	The program to which this visit belongs.	9	String	Yes	“Indiana”
13	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String	Yes	See Appendix 1 HCPCS column
14	Modifier1	Modifier for the HCPCS code for the 837.	2	String	Optional	See Appendix 1 Modifier columns
15	Modifier2	Modifier for the HCPCS code for the 837.	2	String	Optional	See Appendix 1 Modifier columns
16	Modifier3	Modifier for the HCPCS code for the 837.	2	String	Optional	See Appendix 1 Modifier columns
17	Modifier4	Modifier for the HCPCS code for the 837.	2	String	Optional	See Appendix 1 Modifier columns
18	VisitTimeZone	Visit primary time zone. This should always be provided. For this program, the value will generally be US/Eastern or US/Central.	64	String	Yes	See Appendix 2 TimeZoneCode column

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
21	AdjinDateTime	<p>Adjusted in date/time if entered manually. Otherwise the actual date/time received.</p> <p>Adjusted times are used when a visit was captured with or record with incorrect times. For instance, a caregiver forgets to sign out of a current visit for several hours. The agency can “adjust” the time to reflect the actual visit times. In Sandata systems when visit time is adjusted the system will update the adjusted time In and out for that record. There should never be a scenario where there are no calls. This would only occur when using Sandata’s Scheduling functionality, which is not part of this program. There would always need to be at least one call before adjusted times could be added.</p> <p>If the adjusted times are provided, calls are optional (if they exist on the visit they should absolutely be sent). The Visit Change section should also be sent to include the reason and resolution codes along with who made the change since this can only happen if a person updates these times. The specification notes that “If calls are not provided, adjusted times must be included in the parent visit element”.</p>	20	DateTime	Optional	<p>FORMAT: YYYY-MM-DDTHH:MM:SSZ</p>

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
22	AdjOutDateTime	Adjusted out date/time if entered manually. Otherwise the actual date/time received. Adjusted times are used when a visit was captured with or record with incorrect times. For instance, a caregiver forgets to sign out of a current visit for several hours. The agency can “adjust” the time to reflect the actual visit times. In Sandata systems when visit time is adjusted the system will update the adjusted time In and out for that record.	20	DateTime	Optional	FORMAT: YYYY-MM-DDTHH:MM:SSZ
27	ClientVerifiedTimes	The three fields work together in the Sandata system and generate an exception if the client validation and signature are not captured at the time of visit. The agency would need to provide details why the client did not confirm the visit times, tasks and/or why a signature was not obtained. Often, this gets triggered when the member receiving service is not available at the time the visit ends.  Exception Note: When this field is marked as FALSE, a 10 Visit Verification Exception will be triggered.	5	String	Optional	True   False
28	ClientVerifiedTasks	The three fields work together in the Sandata system and generate	5	String	Optional	True   False



Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
		an exception if the client validation and signature are not captured at the time of visit. The agency would need to provide details why the client did not confirm the visit times, tasks and/or why a signature was not obtained. Often, this gets triggered when the member receiving service is not available at the time the visit ends.				
39	ClientVerifiedService	<p>The three fields work together in the Sandata system and generate an exception if the client validation and signature are not captured at the time of visit. The agency would need to provide details why the client did not confirm the visit times, tasks and/or why a signature was not obtained. Often, this gets triggered when the member receiving service is not available at the time the visit ends.</p> <p>Exception Note: When this field is marked as FALSE, an 09 Service Verification Exception will be triggered.</p>	5	String	Optional	True   False
30	ClientSignatureAvailable	The actual signature will not be transferred. The originating system will be considered the system of record. The fields are marked as optional as the data cannot be captured once the visit is complete; therefore, the field will be blank. In this case, an exception will need to	5	String	Optional	True   False

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
		<p>accompany the visit records stating why the data is missing or why the caregiver was unable to gather this during the visit.</p> <p>Exception Note: When this field AND ClientVoiceRecording is marked as FALSE, an 11 Client Signature Exception will be triggered. In addition, if one field is blank and the other “false”, then an exception will also occur. Note that NULL is considered a “false” value.</p>				
31	ClientVoiceRecording	<p>The actual voice recording will not be transferred. The originating system will be considered the system of record.</p> <p>Exception Note: When this field AND ClientSignatureAvailable is marked as FALSE, an 11 Client Signature Exception will be triggered. In addition, if one field is blank and the other “false”, then an exception will also occur. Note that NULL is considered a “false” value.</p>	5	String	Optional	True   False
<p>Calls: If calls are not provided, adjusted times must be included in the parent visit element. Calls include any type of clock in or clock out depending on system capabilities. Note that some vendor systems may not record some visit activity as calls. If this is the case, the call element can be omitted. Sandata will treat visit information without calls as manually entered. This is an OPTIONAL segment.</p>						
1	CallExternalID	Call identifier in the external system	16	String	Yes	LIVE DATA
2	CallDateTime	Event date time. Must be at least to the second.	20	Date Time	Yes	FORMAT: YYYY-MM-DDTHH:MM:SSZ
3	CallAssignment	Description of call for EVV purposes.	10	String	Yes	Time In   Time Out   Other

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
4	GroupCode	<p>This visit was part of a group visit. Group Code is used to reassemble all members of the group.</p> <p>If a visit was part of a group visit, this is a unique identifier sent from the vendor system which is associated to all members of the group visit.</p>	6	String	Optional	LIVE DATA
5	CallType	The type of device used to create the event. Any call with GPS data collected should be identified as Mobile. FVV should be used for any type of fixed verification device.	20	String	Yes	Telephony   Mobile   FVV   Manual   Other
6	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String	Yes	See Appendix 1 HCPCS column
7	ClientIdentifierOnCall	If a client identifier was entered on the call, this value should be provided.	10	String	Optional	LIVE DATA
8	MobileLogin	Caregiver login used if a mobile application is in use for GPS calls. Required if CallType = Mobile.	64	String	Conditional	LIVE DATA
9	CallLatitude	<p>GPS latitude recorded during event. Latitude has a range of -90 to 90 with a 15 digit precision. Required for CallType = Mobile.</p> <p>Exception Info: If CallLatitude and CallLongitude are outside of the 1 mile radius for the visit location in the ClientAddress section, you will receive the 08 GPS Distance Exception.</p>	19	Decimal	Conditional	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
10	CallLongitude	GPS longitude recorded during event. Longitude has a range of -180 to 180 with a 15 digit precision. Required for CallType = Mobile.  Exception Info: If the CallLatitude and CallLongitude is outside of the 1 mile radius for one of the address's listed in the ClientAddress section, you will receive the 08 GPS Distance Exception.	20	Decimal	Conditional	LIVE DATA
11	Location	Location of the visit.	25	String	Optional	LIVE DATA
12	TelephonyPIN	Identification for the employee using telephony. Required if CallType = Telephony.	10	String	Conditional	LIVE DATA
13	OriginatingPhoneNumber	Originating phone number for telephony. Note: If this phone number does not match a phone number associated with the client an 07 Unmatched Client ID / Phone Exception will be returned. Required if CallType = Telephony.	10	String	Conditional	FORMAT: #####
Visit Exception Acknowledgement: This is a CONDITIONAL segment and must be sent when exceptions exist (e.g. If ClientVerifiedService is sent as FALSE, then this section needs to be sent to clear the exception in our system. Otherwise, the visit will not process.) Please review Appendix 3 Exceptions for information on options to implement this in your system.						
1	ExceptionID	ID for the exception being acknowledged.	2	String	Required	See Appendix 3 ExceptionCode column
2	ExceptionAcknowledged	True. This is taken as the attestation that the exception has been remedied in the source system or physical records can be used to authenticate.	5	String	Required	True

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
Visit Changes: This is a CONDITIONAL segment. If there are any updates to records, VisitExceptionAcknowledgments or manual entries, this segment must be sent.						
1	SequenceID	The Third Party EVV visit sequence ID to which the change applied. This is the Visit Sequence ID used for the original submission.	16	String	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS otherwise, Numbers only; no characters
2	ChangeMadeBy	The unique identifier of the user, system or process that made the change. This could be a system identifier for the user or an email. Could also be a system process, in which case it should be identified.	64	String	Yes	LIVE DATA
3	ChangeDateTime	Date and time when change is made. At least to the second.	20	Date Time	Yes	FORMAT: YYYY-MM-DDTHH:MM:SSZ
4	GroupCode	This visit was part of a group visit. GroupCode is used to reassemble all members of the group.	6	String	Optional	LIVE DATA
5	ReasonCode	Reason Code associated with the change	4	String	Yes	See Appendix 4 ReasonCode column
6	ChangeReasonMemo	Reason/Description of the change being made if entered. Note that this is a conditional field only required when a visit modification is made and where a reason note is required. If the reason note is required and one is not provided, this visit modification would be rejected. This is required for reason codes 50 and 99 as indicated in the appendix.	256	String	Conditional	See Appendix 4 NoteRequired? Column
7	ResolutionCode	If a reason code is required for a visit modification change, then this field is required in order for the visit modification record not to be	4	String	Conditional	"A"

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
		rejected. Currently this is the only resolution code available for use.				
Visit Tasks: If you wish to match tasks from the original system to those allowed from Appendix 7 Task ID you can transfer those using this section. This is an OPTIONAL segment.						
1	TaskID	Identifier for the type of task performed. The TaskID must map to the Task IDs used in the Sandata system.	4	String	Yes	Required if you are using this optional segment. See Appendix 5 Task ID column for specific values

## Appendices

### 1 Services & Modifiers

Payer	Program	HCPCS	Mod1	Mod2	Mod3	Mod4	Description
INFSSA	Indiana	97535	U7				Residential Habilitation
INFSSA	Indiana	H0034	UB				Medication Training and Support Services, individual
INFSSA	Indiana	H0034	UB	HR			Medication Training and Support Services, family/couple w/individual
INFSSA	Indiana	H0034	UB	HS			Medication Training and Support Services, family/couple w/o individual
INFSSA	Indiana	H0034	UB	U1			Medication Training and Support Services
INFSSA	Indiana	H0034	UB	U1	HR		Medication Training and Support Services, group setting, family/couple w/individual
INFSSA	Indiana	H0034	UB	U1	HS		Medication Training and Support Services, group setting, family/couple w/o individual
INFSSA	Indiana	H2014	UB				Home and Community-Based Habilitation and Support Services
INFSSA	Indiana	H2014	UB	HR			Home and Community-Based Habilitation and Support Services, family/couple w/ individual
INFSSA	Indiana	H2014	UB	HS			Home and Community-Based Habilitation and Support Services, family/couple w/o individual
INFSSA	Indiana	S5125	U7	UA			Attendant care services agency
INFSSA	Indiana	S5125	U7	U1			Attendant care services (self-directed); per 15 minutes
INFSSA	Indiana	S5125	U7				Attendant care services (non-agency)
INFSSA	Indiana	S5125	U7	U1	TU		Attendant care services (self-directed overtime)
INFSSA	Indiana	S5130	U7	UA			Homemaker service, NOS, (agency)
INFSSA	Indiana	S5130	U7				Homemaker service, NOS, (non-agency)
INFSSA	Indiana	S5150	UB				Unskilled respite care, not hospice
INFSSA	Indiana	S5150	U7	UA	U9		Unskilled Respite Care
INFSSA	Indiana	S5151	U7	U5			Respite Care Per Hour
INFSSA	Indiana	T1005	HA				Respite Care 15 Min
INFSSA	Indiana	T2016	U7	U5			Residential Habilitation Services, (over 35 hrs/wk)
INFSSA	Indiana	T2016	U7	U5	UA		Residential Habilitation Services, (35 or less hrs/wk)
INFSSA	Indiana	T2016	U7	U5	UN	UA	Residential Habilitation Daily 1 (2 person setting, Algo 3);
INFSSA	Indiana	T2016	U7	U5	UN	UB	Residential Habilitation Daily 2 (2 person setting, Algo 4)
INFSSA	Indiana	T2016	U7	U5	UN	UC	Residential Habilitation Daily 3 (2 person setting, Algo 5)
INFSSA	Indiana	T2016	U7	U5	UP	UA	Residential Habilitation Daily 4 (3 person setting, Algo 3)
INFSSA	Indiana	T2016	U7	U5	UP	UB	Residential Habilitation Daily 5 (3 person setting, Algo 4)
INFSSA	Indiana	T2016	U7	U5	UP	UC	Residential Habilitation Daily 6 (3 person setting, Algo 5)
INFSSA	Indiana	T2016	U7	U5	UQ	UA	Residential Habilitation Daily 7 (4 person setting, Algo 3)
INFSSA	Indiana	T2016	U7	U5	UQ	UB	Residential Habilitation Daily 8 (4 person setting, Algo 4)

Payer	Program	HCPCS	Mod1	Mod2	Mod3	Mod4	Description
INFSSA	Indiana	T2016	U7	U5	UQ	UC	Residential Habilitation Daily 9 (4 person setting, Algo 5)
INFSSA	Indiana	T2029	U7	NU			Specialized Medical Equipment New
INFSSA	Indiana	T2029	U7	U5	NU		Specialized Medical Equipment Install
INFSSA	Indiana	T2029	U7	U5	U8		Specialized Medical Equipment Maintain
INFSSA	Indiana	T2029	U7	U8			Specialized Medical Equipment Replacement and Repair
INFSSA	Indiana	T2033	U7	U5			Participant Assistance and Care



## 2 Time Zones

Time Zone Code
US/Alaska
US/Aleutian
US/Arizona
US/Central
US/East-Indiana
US/Eastern
US/Hawaii
US/Indiana-Starke
US/Michigan
US/Mountain
US/Pacific
US/Samoa
America/Indiana/Indianapolis
America/Indiana/Knox
America/Indiana/Marengo
America/Indiana/Petersburg
America/Indiana/Vevay
America/Indiana/Vincennes
America/Puerto_Rico
Canada/Atlantic
Canada/Central
Canada/East-Saskatchewan
Canada/Eastern
Canada/Mountain
Canada/Newfoundland
Canada/Pacific
Canada/Saskatchewan
Canada/Yukon

### 3 Exceptions

Any visit changes and exception acknowledgement should reference these valid exception values when submitting data above. When visits are sent to Sandata via the Alt-EVV API, the Sandata system will calculate “exceptions” based on the incoming data. Business rules are applied to the visit based on the configuration for the jurisdiction. These rules may trigger visits to be flagged with exceptions, denoting business rules that are not being met. Visits with exceptions will not be “Approved” or “Verified”, and thus may be excluded from additional processing, such as claims validation or data exports.

Users of the Alt-EVV API have the opportunity to “Acknowledge” **certain** exceptions. This tells the Sandata system that the exception has been handled in the source system. Thus, the visit can be treated as “Approved” or “Verified”, so long as all calculated exceptions are marked as “Acknowledged”.

Exception Acknowledgement: As part of CMS certification of the EVV solution for the State of Indiana providers are required to attest to having documentation that supports approving an exception. This is normally their service notes combined with other information from the visit recorded by their EVV system. As a vendor passing over this information you have two option available to you:

- 1) Code your system to also require this data when an exception is performed and pass it across as part of the file.
- 2) Document with each of your providers that you will be automatically sending over this attestation to any exception and that they are approving you to do so with knowledge that they must maintain documentation supporting their visits.

Exception Code	Exception Name	Description
07	Unmatched Client ID / Phone	(Telephonic only) Exception when the visit was recorded from a phone number that was not matched to a recipient of care in the EVV system. This exception is directly related to the OriginatingPhoneNumber field in the Calls segment.
08	GPS Distance Exception	<p>(Mobile only) Exception that occurs when the GPS coordinates recorded for a visit in field are outside the parameterized tolerance of 1 mile from a known address for the member / recipient in the EVV system. GPS location is set when the clock in or clock out is received. The latitude and longitude will need to be compared to the known locations of the client. If the GPS position is more than 1 mile from all of the locations, this exception would be applied.</p> <p>The employee's address is not used for GPS comparison purposes. We will calculate both the GPS position of the client's known locations and the distance from the GPS position provided via the interface and the possible client locations. The visit will be stamped with the calculated location chosen from all locations known for the client. The GPS distance exception only applies if the location is not close to ANY of the known locations. This exception will only be calculated for known GPS calls.</p>

09	Service Verification Exception	Exception occurs when the 'client verification of the visit' enabled, and is triggered when the client indicates that the SERVICE RECORDED in the EVV visit does not reflect the actual activity performed during that visit. This exception is directly related to the ClientVerifiedService field in the Visit General segment. If ClientVerifiedService is marked FALSE, this exception will be triggered.
10	Visit Verification Exception	Exception occurs when the program has the 'client verification of the visit' enabled, and is triggered when the client indicates that the DURATION of the EVV visit does not reflect the amount of time that care was actually provided for. This exception is directly related to the ClientVerifiedTimes field in the Visit General segment. If ClientVerifiedTimes is marked FALSE, this exception will be triggered.
11	Client Signature Exception	Exception occurs when the program has the 'client verification of the visit' enabled, and is triggered when the visit does not have a signature or client voice recording captured at the time of service. This exception is directly related to the ClientVoiceRecording and the ClientSignatureAvailable fields in the Visit General segment. If both fields are FALSE, this exception will be triggered.

## 4 Tasks

Task ID	Description
01	Bath - Bed/Sponge Bath
02	Bath - Shower/Tub
03	Dress - Assist w Dressing
04	Hygiene - Hair Care/Clean
05	Hygiene - Mouth Care
06	Hygiene - Nail Care
07	IADLs - Meal Prep
08	IADLs - Light House Clean
09	IADLs - Laundry
10	IADLs - Errands
11	IADLs - Med Reminders
12	Mobility - Ambulation
13	Mobility - In/Out Bed
14	Mobility - Transfer
15	Toilet - Bathroom

Task ID	Description
16	Toilet - Bedside Commode
17	Toilet - Urinal/Bedpan
18	Toilet - Incontinence

## 5 Reason Codes

Reason Code	Description	Note Required?
10	Caregiver Error	No
20	Member Unavailable	No
30	Mobile Device Issue	No
40	Telephony Issue	No
50	Member Refused Verification	Yes
60	Service Outside the Home	No
99	Other	Yes

## 6 Abbreviations

Abbreviation	Name
ANI	Automatic Number Identification
BYOD	Bring Your Own Device
CDS	Consumer Directed Services
EVV	Electronic Visit Verification
FI	Fiscal Intermediary
GPS	Global Positioning System
IVR	Interactive Voice Response – the underlying system used for telephony
MVV	Mobile Visit Verification
PA	Prior Authorization
PIN	Personal Identity Number
SMC	Sandata Mobile Connect
SSN	Social Security Number
TVV	Telephonic Visit Verification

## 7 Terminology

Sandata Terminology	Other Possible References
Agency	Agency Provider Provider Account Billing Agency
Authorization	Service Plan Prior Auth
Client	Individual Patient Member

	Recipient Beneficiary
Contract	Program Program Code
Employee	Caregiver Admin Home Health Aide Consumer Directed Worker Staff Worker Individual Provider Scheduler
HCPCS	Bill Code Procedure Code Service Code
Payer	Admission Insurance Company Contract Managed Care Organization (MCO) State
Provider	Agency Third Party Administrator (TPA)

## 8 Technical Companion & Examples

This appendix serves as additional technical documentation for the use of the Sandata OpenEVV Alt-EVV APIs.

### **API Location**

The RESTful APIs can be reached at the following locations:

#### *Production:*

<https://api.sandata.com/interfaces/intake/clients/rest/api/v1.1>

<https://api.sandata.com/interfaces/intake/employees/rest/api/v1.1>

<https://api.sandata.com/interfaces/intake/visits/rest/api/v1.1>

#### *UAT:*

<https://uat-api.sandata.com/interfaces/intake/clients/rest/api/v1.1>

<https://uat-api.sandata.com/interfaces/intake/employees/rest/api/v1.1>

<https://uat-api.sandata.com/interfaces/intake/visits/rest/api/v1.1>

The endpoints accept JSON data and support the HTTP POST method.

### **Authentication Header**

The API endpoints utilize Basic Authentication. Therefore, a valid “Authorization” header must be sent with each request. This header is simply a Base 64 encoded representation of the username and password in the format “username:password”.



The credentials are determined and distributed during implementation.

An example header for “user@example.com” with password “secret” would be:

*Authorization: Basic dXNlckBleGFtcGxlMnVbTpzZWNYZXQ=*

### **Account Header**

In addition to the “Authorization” header, a header denoting the callers EVV “Account” must be sent. The credentials provided are specific to an account, and all data sent must also correspond to that account, or the request will be rejected.

An example of this header would be:

*Account: 12345*

Alternatively, for MCO customers and other vendors sending data on behalf of multiple EVV accounts, the “EntityGuid” header is used. This ID will be provided by Sandata during implementation.

An example of this header would be:

*EntityGuid: 12345*

### **Content-Type Header**

As with all RESTful API requests, the “Content-Type” header should also be included:

*Content-Type: application/json*

### **Workflow**

Interacting with the APIs is a two-step process:

Step 1 – Send a POST request with the data to the API

Step 2 – Utilize the “Status” API to check that processing completed successfully

Details are as follows:

The first step is to POST the data being sent to the URLs mentioned above in the “API Location” section. When data is sent, the Sandata system will validate the input meets the business requirements, process the data, and return a response.

The response sends back some key pieces of information. This includes any errors that may have been flagged, as well as a UUID, generated by Sandata, which uniquely identifies the request. See example responses below in the “Sample Response” section.

After this response is sent, the Sandata system begins processing the data into the system. Since the initial POST has already received a response, callers must use a second endpoint to check on the status of their request.

To this end, each API is accompanied by an additional endpoint for checking status. This endpoint is reached simply by appending “/status” to the URLs in the “API Location” section above. Calls to this endpoint must utilize the HTTP GET method and send in the UUID that is returned in the response to the POST call.

An example GET request for status for clients, would be sent as follows:

<https://api.sandata.com/interfaces/intake/clients/rest/api/v1.1/status?uuid=8d7c31f7-4a09-41a9-8edd-f9819def58f1>

Sample data can be found below.

In summary, the caller would POST data to the API, receive a response with a UUID, then utilize the “status” endpoint via GET in order to determining if processing was completed and successful.

## Sample POST Data

Below find sample POST bodies for each entity, as well as sample responses in both successful and unsuccessful situations. Note that, based on implementation, not all fields are required to be present. In addition, certain implementations may include custom fields that are not represented in the samples. Please refer to the addendum for a full set of fields and their details.

### *JSON Employee*

```
[{
  "ProviderIdentification": {
    "ProviderQualifier": "SandataID",
    "ProviderID": "123456"
  },
  "EmployeeQualifier": "EmployeeSSN",
  "EmployeeIdentifier": "999999999",
  "EmployeeOtherID": "2222",
  "SequenceID": 99811930002,
  "EmployeeSSN": "999999999",
  "EmployeeLastName": "Employee",
  "EmployeeFirstName": "Test",
  "EmployeeEmail": "dummy@sandata.com",
  "EmployeeManagerEmail": "dummymanager@sandata.com",
  "EmployeeAPI": "11111111",
```

```
    "EmployeePosition": "RN"  
  }  
}
```

#### *JSON Client*

```
[{  
  "ProviderIdentification": {  
    "ProviderQualifier": "SandataID",  
    "ProviderID": "123456"  
  },  
  "ClientID": "",  
  "ClientFirstName": "Test",  
  "ClientMiddleInitial": "T",  
  "ClientLastName": "Client",  
  "ClientQualifier": "ClientOtherID",  
  "ClientMedicaidID": "999999999",  
  "ClientIdentifier": "999999999",  
  "MissingMedicaidID": "False",  
  "SequenceID": 99811930002,  
  "ClientCustomID": "111111111",  
  "ClientOtherID": "2222",  
  "ClientSSN": "999999999",  
}
```

```
"ClientTimezone": "US/Eastern",
"Coordinator": "123",
"ClientPayerInformation": [{
    "PayerID": "INFSSA",
    "PayerProgram": "Indiana",
    "ProcedureCode": "S5151",
    "ClientPayerID": "987654321",
    "ClientEligibilityDateBegin": "2019-01-01",
    "ClientEligibilityDateEnd": "2020-01-01",
    "ClientStatus": "02",
    "EffectiveStartDate": "2019-01-01",
    "EffectiveEndDate": "2020-01-01"
}],
"ClientAddress": [{
    "ClientAddressType": "Home",
    "ClientAddressIsPrimary": true,
    "ClientAddressLine1": "36 West 5th Street",
    "ClientAddressLine2": "10th Floor",
    "ClientCounty": "Kings",
    "ClientCity": "Manhattan",
    "ClientState": "NY",
    "ClientZip": "10017",
```

```
        "ClientAddressLongitude": -73.4228741,
        "ClientAddressLatitude": 40.7431032
    }],
    "ClientPhone": [{
        "ClientPhoneType": "Home",
        "ClientPhone": "1234567890"
    }]
}]
```

#### *JSON Visit*

```
[{
    "ProviderIdentification": {
        "ProviderID": "123456",
        "ProviderQualifier": "SandataID"
    },
    "VisitOtherID": "123456789",
    "SequenceID": 111,
    "EmployeeQualifier": "EmployeeSSN",
    "EmployeeOtherID": "000099999",
    "EmployeeIdentifier": "999999999",
    "GroupCode": null,
```

```
"ClientIDQualifier": "ClientMedicaidID",
"ClientID": "111111111",
"ClientOtherID": "111111111",
"VisitCancelledIndicator": false,
"PayerID": "INFSSA",
"PayerProgram": "Indiana",
"ProcedureCode": "T1000",
"Modifier1": null,
"Modifier2": null,
"Modifier3": null,
"Modifier4": null,
"VisitTimeZone": "US/Eastern",
"ScheduleStartTime": "2019-07-28T16:02:26Z",
"ScheduleEndTime": "2019-07-28T20:02:26Z",
"AdjInDateTime": "2019-07-28T15:02:26Z",
"AdjOutDateTime": "2019-07-28T19:02:26Z",
"BillVisit": true,
"HoursToBill": 10,
"HoursToPay": 10,
"Memo": "This is a memo!",
"ClientVerifiedTimes": true,
"ClientVerifiedTasks": true,
```

```
"ClientVerifiedService": true,
"ClientSignatureAvailable": true,
"ClientVoiceRecording": true,
"Calls": [{
    "CallExternalID": "123456789",
    "CallDateTime": "2019-07-28T16:02:26Z",
    "CallAssignment": "Time In",
    "GroupCode": null,
    "CallType": "Other",

    "ProcedureCode": "T1000",
    "ClientIdentifierOnCall": "111111111",
    "MobileLogin": null,
    "CallLatitude": 40.34455,
    "CallLongitude": -21.99383,
    "Location": "123",
    "TelephonyPIN": 999999999,
    "OriginatingPhoneNumber": "9997779999"
}],
"VisitExceptionAcknowledgement": [{
    "ExceptionID": "15",
    "ExceptionAcknowledged": false
```



```
    }],  
    "VisitChanges": [{  
        "SequenceID": "110",  
        "ChangeMadeBy": "dummy@sandata.com",  
        "ChangeDateTime": "2019-07-25T18:45:00Z",  
        "GroupCode": null,  
        "ReasonCode": "7227",  
        "ChangeReasonMemo": "Change Reason Memo 999",  
        "ResolutionCode": "A"  
    }],  
    "VisitTasks": [{  
        "TaskID": "321",  
        "TaskReading": "98.6",  
        "TaskRefused": false  
    }]  
}]
```

### ***Sample Responses***

See some sample responses below. Note that the samples are provided for employee, but the same pattern is followed for both client and visit.

#### ***Employee POST (Successful)***

```
{
  "id": "7f6dcd1a-ec5e-4efd-a2d4-1049756016a5",
  "status": "SUCCESS",
  "messageSummary": "The result for the input UUID is not ready yet. Please try again.",
  "data": {
    "uuid": "7f6dcd1a-ec5e-4efd-a2d4-1049756016a5",
    "account": "12345",
    "message": "The result for the input UUID is not ready yet. Please try again.",
    "reason": "Transaction Received."
  }
}
```

#### ***Employee POST (Validation Error)***

```
{
  "id": "ea76e9a1-9b29-4f3d-af1c-6b573eb29b76",
```

```
"status": "FAILED",
"messageSummary": "[1] Records uploaded, please check errors/warnings and try again.",
"data": [
  {
    "ProviderIdentification": {
      "ProviderID": "123456",
      "ProviderQualifier": "SandataID",
      "ErrorCode": null,
      "ErrorMessage": null
    },
    "EmployeeIdentifier": "999999999",
    "EmployeeOtherID": "2222",
    "SequenceID": 99811930002,
    "EmployeeQualifier": "EmployeeSSN",
    "EmployeeSSN": "999999999",
    "EmployeeLastName": "Employee",
    "EmployeeFirstName": "Test",
    "EmployeeEmail": "dummy@sandata.com",
    "EmployeeManagerEmail": "dummymanager@sandata.com",
    "EmployeeAPI": "111111111",
    "EmployeePosition": "AKN",
    "ErrorCode": null,
```

```
"ErrorMessage": "ERROR: The EmployeePosition expected format is not correct. The record should satisfy this regular  
expression ['HHA|HCA|RN|LPN|PCA']. Invalid Value='AKN'. The record is being rejected."  
}  
]  
}
```

### *Employee GET (Status)*

A sample response to a status GET request that has finished processing is:

```
{  
  "id": "73b7a9d7-a79a-45cc-9def-cb789c111f4b",  
  "status": "SUCCESS",  
  "messageSummary": "All records updated successfully.",  
  "data": {  
    "uuid": "73b7a9d7-a79a-45cc-9def-cb789c111f4b",  
    "account": null,  
    "message": "All records updated successfully.",  
    "reason": "Transaction Received."  
  }  
}
```

If the request is not yet finished being processed, the “messageSummary” will be “The result for the input UUID is not ready yet. Please try again.”

```
{
  "id": "873a1d97-0681-402e-8268-b6cad8f2b4b7",
  "status": "SUCCESS",
  "messageSummary": "The result for the input UUID is not ready yet. Please try again.",
  "data": {
    "uuid": "873a1d97-0681-402e-8268-b6cad8f2b4b7",
    "account": "12345",
    "message": "The result for the input UUID is not ready yet. Please try again.",
    "reason": "Transaction Received."
  }
}
```

If the request was processed but failed business rules, an example status would be:

```
{
  "id": "e5de964b-9803-4051-b89b-8a89926e4983",
  "status": "SUCCESS",
  "messageSummary": "[2] Records uploaded, please check errors/warnings and try again.",
  "data": [
    {
```

```
"ProviderIdentification": {  
  "ProviderID": "123456",  
  "ProviderQualifier": "SandataID",  
  "ErrorCode": null,  
  "ErrorMessage": null  
},  
"EmployeeIdentifier": "999999999",  
"EmployeeOtherID": "2222",  
"SequenceID": 99811930002,  
"EmployeeQualifier": "EmployeeSSN",  
"EmployeeSSN": "999999999",  
"EmployeeLastName": "Employee",  
"EmployeeFirstName": "Test",  
"EmployeeEmail": "dummy@sandata.com",  
"EmployeeManagerEmail": "dummymanager@sandata.com",  
"EmployeeAPI": "111111111",  
"EmployeePosition": "RN",  
"ErrorCode": "-709",  
"ErrorMessage": "Version number is duplicated or older than current"  
}  
]  
}
```